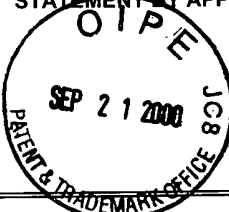


Form PTO-1449  U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. <b>99,395-A</b>	Serial No. <b>09/595,526</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		
		
Applicant: <b>Lawn et al.</b>		
Filing Date: <b>June 16, 2000</b>		Group: .

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
mm2	6,080,842	June 27, 2000	Hillman, et al.	—	—	
mm2	5,858,719	January 12, 1999	Hillman, et al.	—	—	

**FOREIGN PATENT DOCUMENTS**


Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
mm2	WO 00/34461 ↓	15 June 2000	PCT International	/		
mm2	WO 00/18912 ↓	06 April 2000	PCT International			
mm2	WO 99/31133 ↓	24 June 1999	PCT International			

**OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.**

mm2	↓ Babitt et al. 1999. "Murine SR-BI, a high density lipoprotein receptor that mediates selective lipid uptake, is N-glycosylated and fatty acylated and colocalizes with plasma membrane caveolae," <i>J. Biol. Chem.</i> , 272: 13242-13249.
mm2	↓ Becq et al. 1997. "ABC1, an ATP Binding Cassette Transporter Required for Phagocytosis of Apoptotic Cells, Generates a Regulated Anion Flux after Expression in <i>Xenopus laevis</i> Oocytes," <i>J. Biol. Chem.</i> , 272: 2695-2699.
mm2	↓ Bodzioch et al. 1999. "The gene encoding ATP-binding cassette transporter 1 is mutated in Tangier Disease," <i>Nat. Genet.</i> , 22: 347-351.
mm2	↓ Bojanovski et al. 1987. "In vivo metabolism of proapolipoprotein A-I in Tangier disease," <i>J. Clin. Invest.</i> , 80: 1742-1747.
mm2	↓ Borst et al. 2000. "ABC transporters in lipid transport," <i>Biochim Biophys Acta</i> , 1486(1):128-44.
mm2	↓ Bowie et al. 1990. "Deciphering the message in protein sequences: tolerance to amino acid substitutions," <i>Science</i> , 247: 1306-1310.

Examiner <span style="float: right; text-align: right;">mm2</span>	Date Considered <span style="float: right; text-align: right;">9/11/02</span>
--	---

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 99,395-A	Serial No. 09/595,526
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  		Applicant: Lawn et al.	
		Filing Date: June 16, 2000	Group:

## U.S. PATENT DOCUMENTS


Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No

## OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

mm2	✓ Brooks-Wilson et al. 1999. "Mutations in ABC1 in Tangier disease and familial high-density lipoprotein deficiency," <i>Nature Genetics</i> , 22: 336-345.
	✓ Costet et al. 2000. "Sterol-dependent transactivation of the human ABC1 promoter by LXR/RXR," <i>J. Biol. Chem.</i> , 275: 28240-28245.
	✓ Cunningham et al. 1989. "High-resolution epitope mapping of hGH-receptor interactions by alanine-scanning mutagenesis," <i>Science</i> , 244: 1081-1085.
	✓ Dobeli et al. "Role of the carboxy-terminal sequence on the biological activity of human immune interferone (IFN-γ)," <i>J. Biotechnology</i> , 7: 199-216 (1988).
	✓ Francis et al. 1995. "Defective Removal of Cellular Cholesterol and Phospholipids by Apolipoprotein A-I in Tangier Disease," <i>J. Clin. Invest.</i> , 96: 78-87.
	✓ Freeman, 1999. "Effluxed lipids: Tangier Island's latest export," <i>Proc. Natl. Acad. Sci. USA</i> , 96: 10950-10952.
	✓ Gura, T. 1999. "Gene Linked to Faulty Cholesterol Transport," <i>Science</i> , 285: 814-815.
	✓ Hayden et al. 2000. "Cholesterol efflux regulatory protein, Tangier disease and familial high-density lipoprotein deficiency," <i>Curr. Opin. Lipidol.</i> , 11(2):117-22.
	✓ Hobbs et al. 1999. "ABC1: connecting yellow tonsils, neuropathy, and very low HDL," <i>J. Clin. Invest.</i> , 104: 1015-1017.
mm2	✓ Hokland et al. 1993. "Cyclic AMP Stimulates Efflux of Intracellular Sterol from Cholesterol-loaded Cells," <i>J. Biol. Chem.</i> , 268: 25343-25349.

Examiner 	Date Considered 9/11/02
--	-------------------------

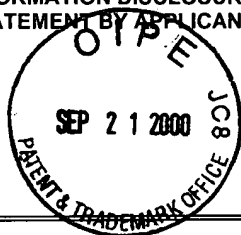
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 99,395-A

Serial No. 09/595,526

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Applicant: Lawn et al.

Filing Date: June 16, 2000

Group: .

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No

## OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

mm	✓ Langmann et al. 1999. "Molecular Cloning of the Human ATP-Binding Cassette Transporter 1 (hABC1): Evidence for Sterol-Dependent Regulation in Macrophages," <i>Biochem. Biophys. Res. Comm.</i> , 257: 29-33.
	✓ Lawn et al. 1999. "The Tangier disease gene product ABC1 controls the cellular apolipoprotein-mediated lipid removal pathway," <i>J. Clin. Invest.</i> , 104: R25-R31.
	✓ Lawn et al. 1992. "Atherogenesis in transgenic mice expressing human apolipoprotein(a)," <i>Nature</i> , 360: 670-672.
	✓ Luciani et al. 1994. "Cloning of Two Novel ABC Transporters Mapping on Human Chromosome 9," <i>Genomics</i> , 21: 150-159.
mm	✓ Marcil et al. 1999. "Mutations in the ABC1 gene in familial HDL deficiency with defective cholesterol efflux," <i>The Lancet</i> , 354: 1341-1346.
	✓ Oram et al. 2000. "ABCA1 is the cAMP-Inducible Apolipoprotein Receptor that Mediates Cholesterol Secretion from Macrophages," <i>JBC Papers in Press. Published on July 28, 2000 as Manuscript M006738200.</i> Vol. ND. 2
mm	✓ Oram et al. 2000. "ABCA1-mediated transport of cellular cholesterol and phospholipids to HDL apolipoproteins," <i>Curr. Opin. Lipidol.</i> , 11(3): 253-60.
	✓ Oram et al. 1999. "Reduction in apolipoprotein-mediated removal of cellular lipids by immortalization of human fibroblasts and its reversion by cAMP: lack of effect with Tangier disease cells," <i>J. Lipid Res.</i> , 40: 1769-1781.
	✓ Oram et al. 1996. "Apolipoprotein-mediated removal of cellular cholesterol and phospholipids," <i>J. Lipid Res.</i> , 37: 2743-2491.
	✓ Ordoas, J. M. 2000. "ABC1: the gene for Tangier disease and beyond," <i>Nutr. Rev.</i> , 58(3 Pt 1): 76-9.
	✓ Owen, J. 1999. "Role of ABC1 gene in cholesterol efflux and atheroprotection," <i>The Lancet</i> , 354: 1402-1403.
mm	✓ Panousis et al., 2000. "Interferon-gamma induces downregulation of Tangier disease gene (ATP-binding-cassette transporter 1) in macrophage-derived foam cells," <i>Arterioscler. Thromb. Vasc. Biol.</i> , 20(6): 1565-71.


Examiner

mm

Date Considered

9/11/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 99,395-A	Serial No. 09/595,526
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 		Applicant: <b>Lawn et al.</b>	
		Filing Date: <b>June 16, 2000</b>	Group:

## U.S. PATENT DOCUMENTS


Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No

## OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

mm	Pullinger, et al. 2000. "Analysis of hABC1 Gene 5' End: Additional Peptide Sequence, Promoter Region, and Four Polymorphisms," <i>Biochem. Biophys. Res. Comm.</i> , 271: 451-455.
	Remaley et al. 1999. "Human ATP-binding cassette transporter 1 (ABC1): Genomic organization and identification of the genetic defect in the original Tangier disease kindred," <i>Proc. Natl. Acad. Sci. USA</i> , 96: 12685-12690.
	Ron et al. 1993. "Expression of biologically active recombinant keratinocyte growth factor. Structure/function analysis of amino-terminal truncation mutants," <i>J. Biol. Chem.</i> , 268: 2984-2988.
	Rust et al. 1999. "Tangier disease is caused by mutations in the gene encoding ATP-binding cassette transporter 1," <i>Nat. Genet.</i> , 22: 352-355.
	Rust et al. 1998. "Assignment of Tangier disease to chromosome 9q31 by a graphical linkage exclusion strategy," <i>Nat. Genet.</i> , 20: 96-98.
	Schwartz et al. 2000. "ABC1 Gene Expression and ApoA-I-mediated Cholesterol Efflux are regulated by LXR," <i>Biochem. Biophys. Res. Commun.</i> 274(3): 794-802.
	Smith et al. 1996. "Cyclic AMP Induces Apolipoprotein E Binding Activity and Promotes Cholesterol Efflux from a Macrophage Cell Line to Apolipoprotein Acceptors," <i>J. Biol. Chem.</i> , 271: 30647-30655.
	Stangl et al. 1998. "Scavenger receptor, class B, type I-dependent stimulation of cholesterol esterification by high density lipoproteins, low density lipoproteins, and nonlipoprotein cholesterol," <i>J. Biol. Chem.</i> , 273: 31002-31008.
	Takahashi et al. 2000. "Identification of cAMP analogue inducible genes in RAW264 macrophages," <i>Biochim. Biophys. Acta</i> , 1492(2-3):385-394.
	Tsujita et al. 2000. "Apolipoprotein-mediated cellular cholesterol/phospholipid efflux and plasma high density lipoprotein level in mice," <i>Biochim Biophys Acta</i> , 1485(2-3): 199-213.
mm	Young et al. 1999. "The ABCs of cholesterol efflux," <i>Nat. Genet.</i> , 22: 316-318.

Examiner 	Date Considered 9/16/02
---	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.

FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

99,395-A

Serial No.

09/595,526

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)



RECEIVED

Applicant:

Lawn et al.

Filing Date:

June 16, 2000

JAN 19 2001

TECH CENTER 1600/2900  
Group:

1645

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
mm2	WO 00/55318 ✓	21 Sept. 2000	PCT	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

EXAMINER	DATE CONSIDERED		
mm2	9/16/02		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449  
(Rev. 2-32)

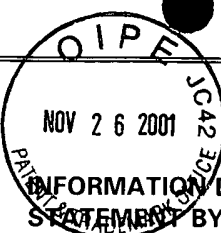
U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

Serial No.

99,395-A

09/595,526



INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Lawn et al.

Filing Date:

June 16, 2000

Group:

1652

### U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
mm	6,225,525	5/1/01	Leung et al.	—	—	

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
mm	WO 01/15676	3/8/01	PCT	/			
	WO 01/26453	4/19/01	PCT				
	WO 01/30848	5/3/01	PCT				
	WO 01/32184	5/10/01	PCT				
mm	WO 01/41704	6/14/01	PCT				

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

mm	Santamarina-Fojo, et al., "Complete genomic sequence of the human ABCA1 gene: Analysis of the human and mouse ATP-binding cassette A promoter", <i>PNAS</i> , vol. 97, pp. 7987-7992 (2000).

EXAMINER	mm	DATE CONSIDERED	9/11/02
----------	----	-----------------	---------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.